

## ABSTRACT

An object of the present invention is to provide a recording apparatus in which the occurrence of  
5 smearing and bleeding in the borders between black and color pixels can be reduced, and in which high-quality black characters and black images can be recorded. Black adjacent pixels, in which pixels adjacent to their periphery are black pixels, and color adjacent  
10 pixels, which are composed of pixels wherein pixels adjacent to their periphery are recorded with colored ink, are extracted from each pixels constituting a black image, and color ink data is created so that color ink is applied according to a certain ratio for  
15 the black adjacent pixels or color adjacent pixels. The occurrence of smearing and bleeding is suppressed by performing recording according to original data and the created color ink data.